

CLAIMS

1.(Previously presented) A hot melt pressure sensitive adhesive composition for adhering together roofing materials comprising:

a) a rubbery polymer comprising a blend of i) from about 10 to about 20% by weight of a thermoplastic block copolymer selected from the group consisting of a styrene-butadiene-styrene block copolymer, a styrene-isoprene-styrene block copolymer, a styrene-ethylene/butylene-styrene block copolymer, a styrene-ethylene/propylene block copolymer and an ethylene-propylene block copolymer and combinations thereof and ii) from about 5% to about 20% by weight polyisobutylene;

b) a compatible tackifier; and

c) an amorphous polyolefin; wherein said hot melt pressure sensitive adhesive composition is in the form of a tape having first and second surfaces, said tape including a release liner adhered to at least one surface of said tape.

2. (Previously presented) The adhesive composition as claimed in claim 1 wherein said thermoplastic block copolymer comprises from about 15 to 20% by weight of the total adhesive composition.

3. (Previously presented) The adhesive composition as claimed in claim 1 wherein said polyisobutylene comprises from about 10% to 15% by weight of the total adhesive composition.

4. (Original) The adhesive composition as claimed in claim 1 wherein said tackifier is selected from the group consisting of hydrogenated polyalicyclic resins, aliphatic hydrocarbon resins, aromatic hydrocarbon resins, coumarone indene resins, esters of hydrogenated rosins and combinations thereof.

5. (Original) The adhesive composition as claimed in claim 1 wherein said amorphous polyolefin is selected from the group consisting of amorphous polypropylene-ethylene copolymers, amorphous polypropylene/polypropylene-ethylene copolymers, amorphous polypropylene homopolymers, amorphous polyethylene homopolymers and combinations thereof.

6.(Original) The adhesive composition as claimed in claim 1 further comprising butyl rubber.

7. (Original) The adhesive composition as claimed in claim 1 further comprising an antioxidant.

8. (Original) The adhesive composition as claimed in claim 1 further comprising a compatible plasticizer.

9. (Original) The adhesive composition as claimed in claim 8 wherein said plasticizer is selected from the group consisting of polybutene, chlorinated paraffin and combinations thereof.

10. (Original) The adhesive composition as claimed in claim 1 further comprising a reinforcing agent.

11. (Currently amended) The adhesive composition as claimed in claim ~~[[8]]~~ 10 wherein said reinforcing agent comprises silica.

12. (Original) The adhesive composition of claim 1 further comprising a flame retardant.

13. (Original) The adhesive composition of claim 12 wherein said flame retardant is selected from the group consisting of antimony oxide, decabromodiphenyl oxide, tetradecabromodiphenoxybenzene, hexabromocyclododecane, ethane-1,2-bis(pentabromophenyl), ethylenebistetrabromophthalimide and combinations thereof.

Claims 14-25 (Cancelled)

26. (Previously presented) The adhesive composition of claim 1, which, when adhered to a roofing membrane, exhibits 180° peel strength at room temperature of at least 500 grams/cm.

27. (Previously presented) The adhesive composition of claim 1, which, when adhered to a roofing membrane, supports a static load of at least 50 grams/in² at 70 °C for at least 96 hours.